

Muhammad Hamza Mirza

FB Area, Karachi |
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A highly motivated Cloud Computing student with a strong foundation in Python (OOP, DSA) and a growing expertise in Machine Learning. Passionate about transitioning into an AI Engineer role, combining robust cloud and network infrastructure knowledge with intelligent AI solutions.

EXPERIENCE

Lynark, Karachi — E-commerce Developer & Brand Manager

2024 - PRESENT

Managing and developing a kids' clothing brand.

Handling Shopify store customization (Liquid, CSS), product branding, and marketing strategies to drive online sales.

EDUCATION

Sir Syed University of Engineering Technology, Karachi — Bachelor's in Cloud Computing & Information Sciences

SEPT 2024 - PRESENT

Currently in 4th Semester. Core focus on Artificial Intelligence, Database Systems, Network Security, and Web Engineering..

Pakistan International School & College Jeddah (PISJ), Jeddah — Intermediate in Pre-Engineering

GRADUATED: JULY 2024

Built a strong foundation in mathematics and analytical problem-solving.

PROJECTS

Computational Problem Solving — Python & DSA

Implemented complex Data Structures (Binary Search Trees, Graphs, AVL trees, Queues) and Algorithms (BFS, DFS) in Python to solve logic problems.

Mobile Application Development — Flutter & Firebase

Developed functional mobile applications using Flutter and Dart, integrating Firebase for seamless backend services and user authentication.

LANGUAGES

Urdu (Expert) | English (Intermediate) | Arabic (Conversational)

SKILLS

Python (OOP, Data Structures & Algorithms)

Machine Learning (Learning) & NumPy

Cisco Networking (OSI, Subnetting, VLANs, OSPF, NAT/PAT, ACLs)

Cloud Computing Fundamentals

Web & App: Flutter, Firebase, Shopify (Liquid)

Software Architecture & UML

Blender 3D (Modeling, Animation)

CERTIFICATIONS

Intro to NumPy — Coursera (Packt)
MARCH 2026

- Successfully completed certification covering core concepts of numerical computing and array manipulation in Python.

Pandas — Kaggle MARCH 2026

- Completed practical, hands-on challenges to perfect data manipulation and analysis skills using the Pandas library.

Building with the Claude API — Anthropic (In Progress)

- Currently learning to build and integrate generative AI applications using Anthropic's Claude API.